

(FDD 20687)

Application of the Method of Precipitation for
Quantitative Microbiological Analysis of Air, by
R. G. Gogoberidze, 6 pp.

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CIA/FDD/U-5999

USSR

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May 54 CTB

Virus Diseases

Principles of Classification of Infective Agents of
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May/Jun 1953, pp 325-337.

CIA/TDD/U-6000

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Sci - Med, virus diseases

15, 285

May 5th CTS

Review of book "Antibiotics and their Practical Use",
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RUSSIAN, per, Mikrobiol., Vol XXIII, No 3, 1953,
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Sci - Biology
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55/2692
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Scientific - Biology

£2. (5s. Od.)

~~Stock 32574 Box 260~~

Apr 54 CPS

(FDD 25674)

Intermediate Hydrogen Carriers and Their Importance
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1953, pp 586-601.

Dec 55 CTS

CIA/FDD/U-7665

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Sci - Medicine, physiology 30, 422

<p>Shtern, E. A. SEROLOGICAL CHARACTERIZATION OF NODULE BACTERIA, II. (Serologicheskaya Kharakteristika Kluben'kovykh Bakterii, II) tr. by B. Ribush. [1962] [15]p. (foreign text included) 1 ref. [CSIRO] Trans. no. 5909. Order from OTS or SLA \$1.60 62-32969 Trans. of Mikrobiologiya (USSR) 1953, v. 22, no. 6, p. 656-662.</p> <p>DESCRIPTORS: *Azotobacter, Serum, Antigens, Anti-bodies, *Classification.</p> <p>Nodule bacteria have a highly complex set of thermally unstable and thermally stable antigens. However, bacteria of the same plant are not identical serologically. Different cultures form two or three serological sub-groups, but they are linked through antigens held in (Biological Sciences--Microbiology, TT, v. 9, no. 5) (over)</p>	<p>62-32969</p> <p>I. Shtern, E. A. II. CSIRO Trans-5909 III. Commonwealth Scientific and Industrial Research Organization (Australia)</p> <p>Office of Technical Services</p>
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Determination of the Antagonistic Ability
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Sci - Biol
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Titre of Tobacco Mosaic Virus, By V. A. Smirnova,
7 pp.

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RT-1684

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Scientific - Biology

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Investigations of the Microflora of the Oil
Fields of the Second Baku, by V. A. Ekzertsev,
S. I. Kuznetsov.

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pp 3-14.

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Scientific - Biology
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CTS 73/Oct 1955

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Oxidation of Ethane and Propane by Certain
Species of Mycobacteria, by Ek. N. Bokova.
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Influence of Changes in Medium Mineral Content
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Sci - Biology
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QH301 C273 No 419
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Sci-Biol
Sep 63

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VIIth International Congress of Microbiolo-
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Yerusalimskiy, 11 pp.

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No 1, Moscow, Jan/Feb 1954, pp 125-128.

CIA/FDD/U-6288

WEur - Italy
Sci - Medicine, microbiology

18, 236

Directed Variation of Actinophages. By Iu. I.
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Feb 59

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(2471-D)

Filtrable Forms of Bacteria in the Air, by L. I.
Solntseva, 4 pp.

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The Current Status and the Problems of Soil
Microbiology, by Ya. P. Khudyakov.

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Sep 57

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L'INFLUENCE DES ENGRAIS CHIMIQUES SUR LES
PROCESSES MICROBIOLOGIQUES DU SOL (Influence
of Inorganic Fertilizers on Microbiological Processes
in the Soil), 9p, 7refs, CNRS-II 89.
Order from OTS, ETC or CNRS \$1.10 TT-62-28837

Trans. in French of Mikrobiologiya (USSR) 1954, v. 23,
no. 4, p. 451-454.

DESCRIPTORS: Soils, Microorganisms, *Fertilizers,
Inorganic compounds, *Phosphorus.

TT-62-28837

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III. CNRS-II 89
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(Agriculture--Plant Cultivation, TT, v. 11, no. 7)

Office of Technical Services
European Translations Centre

Influence of Root Secretions of Pea and
Maize on the Development of Certain Soil
Microbes Cultured in a Rhizospheric Solu-
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P. N. Khodakova.

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Observations on the Rate of Multiplication of Micro-
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E. M. Markyanovich, 17 pp.

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Jul 59

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Calculation of the Rate of Growth of Water
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Sep 67

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Effect of Plant Fertilizers on the Processes of
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Investigation of the Process of Methane Formation by Microorganisms From the Cores of Gas- and Petroleum- Bearing Strata of the Second Baku, by N. B. Nechayeva, ~~Russia~~.

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9039958

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Sci - Biology
Jan 1956/CTS No 77

P.O. Box 271, East Orange, N.J.

Antagonistic Properties of Fungi of Different
Systematic Groups Belonging to the Genus
Penicillium, by A. G. Romankova, Ju. P. Kobrina.

RUSSIAN, per, Mikrobiol, Vol XXIV, No 1, 1955,
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Sci - Biology
Jan 1956/CTS No 77 30,5[°]25'

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V A

A Study of the Action of Albomycin and of Some Other
Antibiotics on Growing Bacterial Cultures, by Yu. O.
Sazykin.

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Scientific - Biology, Chemistry 31,080
Feb 56

Effect of X-Ray Irradiation on the Content of
Sulfhydryl Groups in Yeast, by R. D. Gal'tsova.

RUSSIAN, per, Mikrobiol, Vol XXIV, No 2, 1955,
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Sci - Med

Jul 58

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Periodicity of Proliferation and of Gas Formation
Of Yeast in Liquid Culture, by A. L. Yerusalimskiy,
14 pp.

RUSSIAN, bimo per, Mikrobiol., Vol XXIV, No 2,
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(FDD 25076)

Membrane Filters and Their Use in Microbiological
Studies of Water, by A. S. Razumov, 34 pp.

RUSSIAN, bimo per, Mikrobiol., Vol XXIV, No 2,
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Dec 55 CTS CIA/FDD/U-7658

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USSR
Sci - Medicine, microorganisms

(FDD 25077)

Scientific Institutions in the German Democratic Republic, by Ye. N. Mishustin, 13 pp.

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Sci - Medicine, microorganisms

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Activity of Acetobacter Suboxydans, by Z. G. Razu-
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Sci - Chem

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Scientific - Biology

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Submerged Method of Citric Acid Production With the
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USDA
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Sci - Biol

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Mechanism of Action of Ultrasonic Waves Upon
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Sci - Med

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Sci - Fuels, Engineering

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Microbic Associations in Soils and Methods of Their
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FDD/X-3180

Sci - Geophysics, Biology 60-10725

12 Nov 58

(FDD 28552)

International Conference on Antibiotics in Warsaw,
by N. A. Krasil'nikov, 15 pp.

RUSSIAN, bino per, Mikrobiol., Vol XIV, No 4,
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CIA/FDD U-8849

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USSR
Sci - Medicine, microbiology
Oct 55

(FDD 28553)

Brief Information on the Results of Research and
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of the Academy of Sciences of the Armenian SSR
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RUSSIAN, bimo per, Mikrobiol., Vol XXIV, No 4, Moscow,
Jul/Aug 1955, pp 505, 506.

CIA/FDD U-8850

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USSR
Sci - Medicine, microbiology
Oct 55

(FDD 20551)

Defense of Dissertations, by L. I. Komarov, 9 pp.

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CIA/FDD U-8851

USSR
Sci - Medicine, microbiology
Oct. 56

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The Requirements of Anasrobic Bacteria as
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Teropcova, M. Yu. Rubayeva, 14 pp.

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Sci - Biology

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The Kinetics of Proliferation by Acetobacter
Suboxydans and Its Oxidizing Action on Sorbitol
in Media Containing Vitamin B Complex, by
S. M. Zhdan-Pushkina

RUSSIAN, no per, Mikrobiol, Vol XXIV, No 5,
1955, pp 545-549.

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Sci - Biology
Sep 56 CTS

Study of the Generic and Specific Composition of
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Kozlova.

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Study of Causes Inhibiting the Growth of Microorganisms
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N. B. Zavarzina.

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Scientific - Biology

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B-Naphthol in the Control of Mold Fungi Which Attack
Various Glues on Paper and on Cardboard, by S. G.
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Sci - Biology

Aug 1956

Seasonal Aspects and Periodicity in the Development
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Assoc Tech Serv RJ-368
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Scientific - Biology

Jun 56/dex

(100 29752)

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and of the All-Union Research Institute of the Hydro-
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10 pp.

RUSSIAN, bimo per, Microbiol, Vol XXIV, No 5,
Moscow, Sep/Oct 1955, pp 641-644.

CIA/FDD U-6873

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Sci. - Medicine, Russian microbiology
Oct 56

(FDD 28556)

Academic Session of the Sector of Microbiology of
the Academy of Sciences Armenian SSR Devoted to
Problems of the Effectiveness of Bacterial Fertil-
izers, by A. K. Panosyan, 7 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXIV, No 5,
Moscow, Sep/Oct 1955, pp 644-646.

CIA/FDD U-8874

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Sci - Medicine, microbiology
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(FDD 28557)

Conference on the Production of Enzyme Preparation;
by L. I. Kozarova, 7 pp.

RUSSIAN, vino per, Mikrobiol, Vol XXIV, No 5,
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CIA/FDD U-8875

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Sci. - Medicine, microbiology
Oct 56

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RUSSIAN, bimo pgm, Moskva, Vol. XLIV, No. 5,
Moscow, Sep/Oct 1955, pp 645, 649.

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Set 56

(FDD 29061)

On the Importance of Systematism for the Selection
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Sci - Medicine, microbiology 41, 890

Nov 1956/CTS

The Lag Phase and Oxidation-Reduction Potential
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N. A. Pryanishnikova, 8 pp.
RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 6,
1955, pp 671-676. 9692410
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Sci - B/M
May 64

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<p>Verbina, N. M. ACCLIMATIZING YEASTS TO MEDIUM WITH HIGH ALKALINITY (Pryuchenie Drozhzhei k Povyshenniu Shchelochnosti Sredy) G. Belkov, tr. 1964, 8p 6refs NRC Technical Trans. 1109. Order from NRC \$0.50</p> <p>Trans. of Mikrobiologiya (USSR) 1955, v. 24, no. 6, p. 681-684.</p> <p>Handwritten note: 5/13/2 TT-64-1109 (1109)</p> <p>(Biological Sciences--Microbiology, TT, v. 11, no. 11)</p>	<p>TT-64-12807</p> <p>I. Verbina, N. M. II. NRC-TT-1109 III. NRC-C-4712 IV. National Research Council of Canada, Ottawa</p> <p>Office of Technical Services</p>
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On Certain Patterns of Intraspecies and Inter-
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G. N. Skryabin, 17 pp.

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Sci + Biology
Jan 59

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Microbiology in Czechoslovakia, by I. A. Malik

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Hhr - Czechoslovakia
Sci. - Biology
Jan 57 CBS

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Sci. draft Rep. No. 8 - Jan. 1955

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Work of the Scientific Research Institutions of the
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1955, pp 744-748.

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Sci 56 Biology, microbiology
Ape 56

(S) (1) (b)

Twenty-fifth Anniversary of the Founding of the
Institute of Microbiology, Academy of Sciences
USSR, by N. D. Zelentsov, b. Fr.

RUSSIAN, bime per, Mikrobiol., Vol XXIV, No 6,
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CIA/ODD U-8879

USER
Sci. - Medicine, microbiology
Oct 56

39-571

On the Work of the Scientific-Research Institutes
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Microbiology, by E. N. Mishustin
XXIV

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1955, pp 744-745. CIA 9007444

USDA

S.L.A R-262

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PE - China
Sci - Biology
Jan 57 CIS

(TDD 26560)

Conference on the Utilization in Animal Husbandry
of Waste Products of the Leather Industry, by L. N.
Kosarova, 4 pp.

RUSSIAN, bimo per, Mikrobiol., Vol XXIV, No 6,
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CIA/TDD U-6880

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Sci - Medicine, microbiology
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(FDD 28561)

Defense of Dissertations, by L. N. Komarova, 6 pp.

RUSSIAN, n bimo per, Mikrobiol, Vol XXIV, No 6,
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XIX CIA/FDD U-8881

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USSR
Sci - Medicine, microbiology
Oct 56

Biodynamics of the Rhizosphere of Deciduous and
Coniferous Tree-plantings in the Forest Steppe by
S.A. Santsevich.

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pp 49-56

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Oct. 62

The Effect of Putrefactive Aerobic Bacteria
on the Corrosion of Steel in Sea Water, by
I. B. Ulanovskiy, N. S. Nikitina, 6 pp.

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Assoc Tech Sv
Tr 07H11R RJ-606

Sci - Biology
Jun 57 CIA/PDD X-2449

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Sci Monib
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Survey of the Physiology and Bio-Chemistry of
Nitrifying Microorganisms, by E. L. Ruben, 6 pp.

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Sci - Biology

42, 756

(RUS) 1956, Jan/Feb

Conference of Young Specialists at the Institute
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by L. I. Komarov, 2 pp.

RUSSIAN, bino per, Mikrobiol, Vol XXV, No 1,
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CIA/FDD U-8982

UKGR
Sci - Medicine, microbiology 41,135
Oct 56

(ME 26563)

Dedence of Discretions, by L. I. Kozarova,
2 pp.

RUSSIAN, bimo per, Mikrobiol, Vol XXV, No 1,
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CIA/FDD U-8983

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Sci - Medicine, microbiology 41,134

Bacteria Decomposing the Protopectin of Plants,
by V. A. Lambina.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 1,
1956, pp 629-638.

DSIR LLU M.1768
(loan)

Sci - Biol
Oct 60

130, 760
~~130, 759~~

Kalinenko, V. O. and Mefedova, N. A. BACTERIAL FOULING OF UNDERWATER PARTS OF SHIPS. [1961] 8p. (2 Eng. refs. 7 figs. omitted) 16 refs. Order from OTS or SLA \$1.10	62-10583	I. Kalinenko, V. O. II. Mefedova, N. A.
Trans. from Mikrobiologiya (USSR) [1956] v. 25, no. 2 [p. 191-194].		
DESCRIPTORS: *Bacteria, Aquatic animals, *Ships, *Fouling, Antifouling coatings, *Paints.		

The problem of the correlation of bacteria and zoorganisms of fouling is explained by studying glass tinted with toxic paints and immersed in tanks of circulating water and in water of a sea harbor. All the paints used now as anti-corrosive and anti-biological coatings are not toxic for marine bacteria. In the first 24 hours microorganisms fastened to the painted surface, intensively multiply on it and cover the paint with (Biological Sciences--Microbiology, TT, v. 8, no. 6)
(over)

Office of Technical Services

The Feasibility of "Radiosynthesis," by S. I.
Kuznetsov.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 2,
Mar-Apr 1956, pp 195-199. CIA 9018811

USDA
AEC 2884
SLA 57-2926

Sci - Med

May 58

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The Role of Microbial Processes in the
Spontaneous Heating of Stacked Coal, by
N. B. Zavarzina.

RUSSIAN, per, *Microbiologiya*, Vol XXV,
No 2, 1956, pp 200-207.

Co-Op Trans Sch Tr 316

Sci - Physics
Jul 57

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<p>Rubenchik, L. I. BACTERIAL FERTILIZERS. [1963] 28p. 91 refs. Order from OTS or SLA \$2.60 63-16125</p> <p>Trans. of Mikrobiologiya (USSR) 1956, v. 25, no. 2, p. 231-242.</p> <p>DESCRIPTORS: Bacteria, *Fertilizers, Biosynthesis, *Azotobacteraceae, Soils, Microbiology, Plants (Botany)</p> <p>CSIRO/N05542</p> <p>(Agriculture--Plant Cultivation, TT, v. 10, no. 5)</p>	<p>63-16125</p> <p>I. Rubenchik, L. I.</p> <p>Office of Technical Services</p>
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(FDD 28514)

Defense of Dissertations, by L. I. Komarova,
6 pp.
RUSSIAN, vino per, Mikrobiol., Vol XXV, No 2,
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CIA/FDD U-8991

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USSR
Sci - Medicine, microbiology
Oct 56

Nitrogen Metabolism of *Penicillium Chrysogenum*.
I. Alteration of Nitrogenous Substances in
Cultures of *Penicillium Chrysogenum* in the
Process of Fermentation, by A. A. Melnikova
and E. I. Surikova.

RUSSIAN, per, Nikrobiologiya, Vol XXV, 1956,
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IMSDCC-T1893

Sci

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Aug 58

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